

ABSTRACT OF THE DISCLOSURE

5 This invention relates to improved catalytic compositions suited for use in
hydrogenation processes and to an improved process for hydrogenating organic
compounds as in amination of alcohols or hydrogenation of nitro groups to the amine
using the catalyst. The catalytic composition is more particularly an improvement in
nickel catalysts promoted with palladium carried on a support. The improvement resides
10 in including a promoting effect of a metal M and/or its oxide, selected from Zn, Cd, Cu,
and Ag, typically from about 0.01 to 10% by weight of the support.

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